



## Curriculum Vitae

### **Academic Development**

MBA Business Informatics (University of Vienna, Austria, 1992)

MBA Business Administration (Vienna University of Economics and Business Administration, Austria, 1993)

PhD Social and Economic Sciences (University of Vienna, Austria, 1997)

Habilitation Business Administration (University of Vienna, Austria, 2003)

### **Research Interests**

Innovation and technology management, strategic management, and optimal resource allocation with a focus on quantitative research methodologies and decision support systems for policy makers.

### **International Orientation**

- 1) President of the Austrian Society of Operations Research (since 2006)
- 2) 4 research awards
- 3) Private and public funded research projects
- 4) More than 35 international publications (11 SSCI) as a result of international, national, and local inter-disciplinary co-operations with both researchers and practitioners
- 5) Co-Editor of 4 special issues of international journals
- 6) Member of editorial/advisory boards of 6 international journals
- 7) Referee for 20 international journals and 4 research institutions
- 8) More than 70 presentations at international conferences and institutions with many invited talks and keynotes
- 9) Organization of international conferences and workshops
- 10) Short research visits at European and US universities
- 11) Visiting Assistant Professor at University of Stanford, Dept. of Management Science and Industrial Engineering, during the academic year 1999/2000

### **Teaching Experience**

15 years with a main focus on innovation and technology management, strategic management, as well as production and logistics courses at undergraduate, graduate, and PhD level both in English and German (three best teacher awards). Mentor of the Group "Business Administration and Law" for the Mentoring Program at the University of Vienna, Austria.

### **Professional Experience**

Acquisition and coordination of research projects (e.g., two 100,000 Euro projects in the field of resource allocation and cost accounting for the Austrian Injury Insurance Company, AUVA, Vienna, Austria, 2001/2002 and 2004/2005).

## Personal Details

Date and Place of birth 11. August 1970, Vienna  
Citizenship Austrian  
Marital Status Married (maiden name: Roth)

## Academic Development

Since 2006 **2-year Theological Course**  
Arch Diocese Vienna, Austria

Since 2003 **Associate Professor**  
University of Vienna, Austria  
Faculty of Business, Economics, and Statistics  
Dept. of Innovation and Technology Management

**2003** **Habilitation (Business Administration)**  
University of Vienna, Austria

1993 – 2003 **Assistant Professor**  
University of Vienna, Austria  
Faculty of Business, Economics, and Statistics  
Dept. of Innovation and Technology Management

1991 – 1993 **Research/Project (1992 – 1993) and Teaching (1991 – 1992) Assistant**  
University of Vienna, Austria  
Faculty of Business, Economics, and Statistics  
Dept. of Production and Logistics

**1997** **Doctoral Degree (Social and Economic Sciences) with distinction**  
University of Vienna, Austria

**1993** **Master Degree (Business Administration) [7 instead of 8 semesters]**  
Vienna University of Economics and Business Administration, Austria

**1992** **Master Degree (Business Computer Science) [6 instead of 8 semesters]**  
University of Vienna, Austria  
(joint study program with Technical University of Vienna, Austria)

1989 **Commercial Academy with distinction**  
Hetendorfer Str., A-1120 Vienna, Austria

## Further Academic Experience

2004 – 2006 **Mentor for the Group “Business Administration and Law”**  
Mentoring Program, University of Vienna, Austria

Since 2000 **Short Research Stays**  
KOC University, Istanbul, Turkey  
University of Twente, Enschede, The Netherlands  
University of Southampton, Great Britain  
University of Applied Sciences Muenster, Germany  
Carnegie Mellon University, Pittsburgh, USA  
University of Houston, Texas

1999 – 2000 **Visiting Assistant Professor**  
Stanford University, Dept. of Management Science and Engineering, USA  
(invited by Professor Margaret Brandeau)

## Professional Experience

Since 2006	<b>President</b> Austrian Society for Operations Research, Vienna, Austria
2005 – 2006	<b>Board Member for External Communication and Promotion of Young Scientists</b> Austrian Society for Operations Research, Vienna, Austria
2004 – 2005 2001 – 2002	<b>Leading Consultant for Strategic Management</b> Austrian Injury Insurance Company, AUVA, Vienna, Austria
Since 2004	<b>Head of the Austrian Working Group Operations Research in Health Care</b> Austrian Society for Operations Research, Vienna, Austria
Since 2001	<b>Auditor</b> Plattform for Health Economics, Vienna, Austria
1991, Summer Semester	<b>Tutor for Computer Science II</b> Technical University of Vienna, Austria
1991, July	<b>Marketing Assistant</b> Siemens-Nixdorf, Vienna, Austria
1989, June – August	<b>Au-Pair</b> London, Great Britain
1987, July	<b>Accounting Assistant</b> Austrian Federation of Trade Unions, Publishing House, Vienna, Austria

## Additional Qualifications

Languages	German (mother tongue), English (professional), Spanish (basics)
Since 1993	Various seminars (e.g., Team Management and Organization, Efficient Time Management, Presentation Techniques, Rethoric, Voice, Languages) Dept. of Personel Development, University of Vienna

## Awards

### Research Awards

2003	<b>Dr.-Maria-Schaumayer-Prize</b> (Austrian National Bank, Vienna, Austria)  <b>Runner-up (2nd place) Pierskalla Best Paper Award Competition</b> (Health Applications Section of the Institute for Operations Research and the Management Sciences (INFORMS))  <b>Kardinal-Innitzer-Promotion Prize</b> (Kardinal-Innitzer-Study Fonds, Vienna, Austria)
2002	<b>Pharmig Prize for Health Economics</b> (Pharmig, Vienna, Austria)
2000	<b>Award for Young, Talented Scientists</b> (City Hall of Vienna, Austria)

## Teaching Awards

- 2003 **Best Teacher Award 2002 for Basic Courses (1st place)**  
Institute of Business Administration, University of Vienna, Austria
- 2002 **Award for an Innovative, Multidisciplinary Course**  
University of Vienna, Austria
- 2000 **Best Teacher Award 2001 for Advanced Courses (1st place) in the 1st competition at the decennial celebration of the Institute of Business Administration**, University of Vienna, Austria

## Research Projects and Grants

### Research Projects

- 2004 – 2005  
2001 – 2002 **Leading Consultant for Strategic Management**  
Austrian Injury Insurance Company, AUVA, Vienna, Austria  
(report in Wirtschaftsblatt, March 12, 2003: first study to evaluate the long-term consequential costs of annual occupational injuries amounting to 1.7 billion Euro)
- 1991 – 1992 **Collaborator in the Austrian Science Fund Project No. 937112**  
(simulation of a real assembly system for mounting printed circuits: analysis of the flow of the material, raw conception of the simulation model, and elaboration of concepts for workload planning)

### Grants

- 2003 **Grant for a Guest Researcher**  
(Prof. Dr. Ruth Davies, University of Warwick, Great Britain)  
Austrian Science Fund
- 2002 **Grant for a Guest Researcher**  
(Prof. Dr. Sally Brailsford, University of Southampton, Great Britain)  
Austrian Science Fund
- 1999 – 2000 **Erwin Schroedinger Grant and Travelling Grant for International Conferences**  
Austrian Science Fund
- 1999 – 2003 **3 Travelling Grants for International Conferences**  
Verein fuer Socialpolitik, Germany
- 1999 **Science Grant for Young Researchers**  
Municipal Dept. 18 of the City of Vienna, Austria
- Since 1998 **9 Travelling Grants for International Conferences**  
Austrian Research Association
- 1998 **Publication Grant for the Doctoral Thesis**  
Austrian Research Association and Novartis Pharma Gmbh, Vienna, Austria
- 1996 **Science Grant for Young Researchers**  
Municipal Dept. VII of the City of Vienna, Austria
- 1992, 1993 **2 Scholarships for Excellent Performance as a Student**  
University of Vienna, Austria

### Sponsoring Partners

Bank Austria - Creditanstalt; Siemens; Telecom; Red Cross; Ministry of Education, Science, and Culture etc.

## Research Profile

My research interests pertain to the areas of innovation and technology management, strategic management, and optimal resource allocation with a focus on quantitative research methodologies and decision support systems for policy makers. I have published more than 35 international articles (11 SSCI) as a result of international, national, and local inter-disciplinary co-operations with both researchers and practitioners (see *publication list*). For example, I have collaborated with researchers from Stanford University, Carnegie Mellon University, University of Toronto, University of Southampton, Erasmus University Rotterdam, University of Greifswald, Vienna University of Economics and Business Administration, and Technical University of Vienna. I have presented my research at more than 70 international conferences and institutions including many invited talks and keynotes (see *publication list*).

### Evaluation of the Publications by Journal Rankings

**VHB-JOURQUAL:** Ranking of the Association of Business Administration Professors

<http://pbwi2www.uni-paderborn.de/WWW/VHB/VHB-Online.nsf/id/88073FF9B3B52370C125705F002D511E>

**SSCI:** Social-Science Citation Index: Ranking of the ISI Web of Knowledge

<http://www.thomsonscientific.com/cgi-bin/jrnlst/jloptions.cgi?PC=J>

**JCR:** Journal Citation Report: Ranking of the ISI Web of Knowledge

<http://scientific.thomson.com/support/recorded-training/jcr/>

### 21 Journal Publications & 2 Editorials by Marion S. Rauner (1998 – 2008)

Journal	Year	VHB-JOURQUAL	SSCI/JCR-Ranking
International Journal of Technology Management	1998		X
Zeitschrift fuer oeffentliche und gemeinwirtschaftliche Unternehmungen	1998	C	
Socio-Economic Planning Sciences	1999 2002 forthcoming		ranked up to 1997
Health Care Management Science	2001 2002 2005	B	
International Journal of Healthcare Technology and Management	2001 2002		
OR Spectrum	2002 2003 forthcoming	A	X
Health Policy	2003		X
European Journal of Operational Research	2003 2003 (Eds.) forthcoming	A	X
Journal of the Operational Research Society	2005	B	X
IMA – Journal of Management Mathematics	2005		
Central European Journal of Operations Research	2005 2005 (Eds.)	C	
Computers & Operations Research	2007	B	X
Computational Management Science	2007		
<b>Summary</b>		<b>A: 5 contributions</b> <b>B: 5 contributions</b> <b>C: 2 contributions</b>  <b>A: 1 editorial</b> <b>C: 1 editorial</b>	<b>9 contributions</b> <b>2 contributions</b> <b>(ranked up to 1997)</b>  <b>1 editorial</b>

Scientific scoring (incl. editorials & forthcoming journal articles, 1998 to 2007) according to the ranking of the Handelsblatt "Die kluegsten Koepfe der BWL" in 2005 (publications during 10 years): 17.47 points.

Rank 25: Prof. Minner from Mannheim (23 points).

Source: [http://www.bwl.tu-darmstadt.de/bwl7/forschung/HB\\_Liste.pdf](http://www.bwl.tu-darmstadt.de/bwl7/forschung/HB_Liste.pdf)

## Teaching Profile

I have been teaching at undergraduate, graduate, and PhD level both in English and German for the last 15 years (see attached *list of classes held*). My main teaching experience comprises innovation and technology management, strategic management, as well as production and logistics courses. My main teaching load as an Associate Professor amounts to about 8 hours. Most of my courses are eLearning-based. For three of my courses, I won best teacher awards.

Furthermore, I served as a Mentor of the Group "Business Administration and Law" for the Mentoring Program at the University of Vienna Austria.

### Supervision

Nearly 40 students have so far successfully completed their master theses under my supervision. Currently, I am supervising about 6 master theses and 5 dissertation projects. The quality of the supervision is reflected in *grants* and *research prizes*, as well as *joint international conference presentations* and *publications in international, refereed journals or collective volumes*.

## Service to the Faculty

I have been active in various committees and functions at the faculty, in particular:

- **Member of the Commission for the Studies of Business Administration and International Business Administration** (WS 1995/96 – SS 1999, WS 2000/01 – SS 2003)
  - Support of the commission chairs in accrediting university courses
  - Member of the working group for the preparation of new study guidelines for the Studies of Business Administration and International Business Administration (SS 1998 – SS 1999; WS 2000/01 – SS 2003)
- **Member of the Conference for the Institute of Business Administration** (WS 1993/94 – SS 1999)
- **Member in Commissions for Open Positions for Full Professors**
  - Statistics II (succession of Professor Bruckmann) (WS 1992/93 – SS 2003)
  - Business Administration IX (SS 1997 – WS 1998/99)
  - Business Administration X (SS 1997 – WS 1998/99; SS 2002 – WS 2002/03)
- **Member of Habilitation Commissions**
  - Werner Schachinger (WS 2003/04)
  - Josef Windsperger (SS 2004)
- **Member of the Council for the Faculty** (WS 1999/2000 – SS 2001)
- **Member of the Commission for the Library of the Center for Business Administration** (SS 1998 – SS 1999)
- **Representant at the Fair for Professions** (November 1992, March 1994 – 1998)

## Service to the Scientific Community

### Editorial/Advisory Boards

- Socio-Economic Planning Sciences (Elsevier Science ) since March 2001
- OR Spectrum (Springer) since January 2006
- Central European Journal of Operations Research (Springer) since April 2007
- International Journal of Business and Systems Research (Intersciences) since May 2006
- Oekonomie & Gesundheit (Manz) since May 2006
- Health Care Management Science (Springer) since August 2006

### Editorships

- *Annals of Operational Research* (Springer), forthcoming  
Co-Editor with Xiaolan Xie, Steve Gallivan, and Alain Guinet
- *Central European Journal of Operations Research* (Springer), forthcoming  
Co-Editor with Stefan Pickl and Martin Dlouhy
- *Central European Journal of Operations Research* (Springer), 2005, Vol. 13, No. 4  
Co-Editor with Doris Behrens and Claudia Wild
- *European Journal of Operational Research* (Elsevier), 2003, Vol. 150, No. 1  
Co-Editor with: Jan Vissers
- *Quantitative Approaches in Health Care Management* (Peter Lang), 2003  
Co-Editor with Kurt Heidenberger

### Executive Board Member in Scientific Societies

- Austrian Society for Operations Research, Vienna, Austria  
function: *external communication and promotion of young scientists*
- Austrian Society for Operations Research, Vienna, Austria  
function: *head of the working group "Operational Research in Health Care"*
- Plattform Health Economics, Vienna, Austria, function: *auditor*

### Membership in Scientific Societies

- Association of University Professors of Management
- Verein fuer Socialpolitik
- Institute for Operations Research and the Management Sciences (INFORMS)
- German Society for Operations Research (SOR)
- Austrian Operations Research Society (OEGOR)
- Association for European Operational Research (EURO) Working Group "Operational Research Applied to Health Services" (ORAHS)

### Reviewer Activities (International Journals)

- Algorithmic Operations Research (Atlantic Scholarly Communication Initiative) since April 2007
- Annals of Operations Research (Springer) since May 2007
- Computers & Operations Research (Elsevier Science) since December 2003
- Decision Support Systems (Elsevier Science) since March 2006
- European Journal of Health Economics (Springer) since February 2006
- European Journal of Operational Research (Elsevier Science) since September 2000
- IMA - Journal of Management Mathematics (Oxford University Press) since April 2004
- International Journal of Business and Systems Research (Inderscience) since March 2007
- International Journal of Healthcare Technology and Management (Inderscience) since January 2006
- International Journal of Production Economics (since December 2007)
- International Journal of Simulation and Process Modelling (Inderscience) since March 2006
- Journal of the Operational Research Society (Palgrave, McMillan) since October 2003
- Health Care Management Science (Elsevier Science) since May 2000
- Management Science (INFORMS) since October 2001
- Omega (Elsevier Science) since September 2003
- OR-Spectrum (Springer) since Oktober 2001
- Socio-Economic Planning Sciences (Elsevier Science) since January 2006
- The Lancet (Elsevier Science) since Mai 2004

- Transactions on Modeling and Computer Simulation (Association for Computing Machinery) since April 2007
- Zeitschrift für Betriebswirtschaft (Gabler) since November 2001

#### Reviewer Activities (Research Funds)

- Canadian Research Chairs (Canada) since October 2005
- Engineering and Physical Sciences Research Council (Great Britain) since October 2003
- The Leverhulme Trust (Great Britain) since December 2003
- Fund for Scientific Research in Flanders (Belgium) since January 2006

#### Conference/Workshop Organization

- Since 2004 regular workshops of the Austrian Working Group "Operations Research in Health Care" mainly Austria (also Germany and The Netherlands)
- 2004 1st International Health Care Technology Management PhD Workshop  
Vienna, August 30-31
- 2001 27th meeting of the EURO Working Group Operational Research  
Applied to Health Services (ORAHS)  
Vienna, Austria, July 29 - August 3

#### Conference Involvement

- Stream Organizer, *EURO International Conference*, Bonn, Germany, 2009
- Scientific Program Committee, *Spring Simulation Multiconference*, Ottawa, Canada, 2008
- Stream Organizer, *EURO International Conference*, Prague, Czech Republic, 2007
- Scientific Program Committee, *Winter Simulation Multiconference*, San Diego, USA, 2007
- International Program Committee, *EURO Working Group ORAHS Meeting*, St. Etienne, France, 2007
- Section Chair, *International Conference OR 2006* (GOR, OEGOR, and SVOR), Karlsruhe, Germany, 2007
- Programme Committee, *EURO Working Group ORAHS meeting*, Southampton, Great Britain, 2005

#### Invited Sponsored Research Seminars/Workshops

- 2008 Invited seminar talk, OR Seminar  
*Koc University, Istanbul, Turkey*
- 2007 Invited plenary talk, Operations Research in Healthcare International Conference  
*University of Twente, Enschede, The Netherlands*
- 2007 Invited keynote lecture, *Assoziatione Italiana de Ricerca Operativa "Optimization and Decision Sciences" Conference*, Genova, Italy
- 2006 Invited seminar talk, *Albert-Ludwigs-University Freiburg, Business Administration Seminar Dept. II*, Freiburg, Germany
- 2006 Invited keynote lecture, *Biennial Beta Conference, Management of Service Operations*, Eindhoven, The Netherlands
- 2003 Invitation to a scientific meeting to gather information on the state-of-the-art of research in the field of "Operational Research in Germany and Austria" at the Technical University of Berlin, German (*National Science Foundation, USA*)
- Invited talk, *Carnegie Mellon University/University of Pittsburgh*, Applied Decision Modelling Seminar Series, Pittsburgh, USA
- 2001 Invited talk, *School of Management, University of Southampton*, Great Britain
- 2000 Invited talk, *School of Public Health, University of Houston*, USA

## Abbreviations

Dept.	Department
JCR	Journal Citation Report
EURO	Association for European Operational Research within IFORS
GOR	Gesellschaft fuer Operations Research
IFORS	International Federation of Operational Research Societies
INFORMS	Institute for Operations Research and the Management Sciences
ISI	Institute for Scientific Information
OEGOR	Oesterreichische Gesellschaft fuer Operations Research
OR	Operations Research
ORAHS	Operations Research Applied to Health Services
SOR	Society for Operations Research
SS	Summer Semester
SSCI	Social Science Citation Index
USA	United States of America
VHB-JOURQUAL	Verband der Hochschullehrer fuer Betriebswirtschaft – Journal-Qualitaetsranking
WS	Winter Semester